

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_015
Date: 25-Aug-16
Blast Time: 15:39
Blast Sign Activation: 8:15
Website Notification Time: 8:15

Blast Conditions

Ceiling Height: 609 m
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 7.5 km/hr
Wind Direction: S
Temperature: 24.1 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due to blast siren

Blast Siren Locations:

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extendicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	54.3 LAeq	98.5 dB
Edwards:	55.2 LAeq	96.5 dB
Fred:	45.8 LAeq	101.4 dB
Hollinger Office:	57.7 LAeq	106.6 dB
Noah:	60.6 LAeq	101.9 dB
Sandy:	58.2 LAeq	114.0 dB
Water Tower:	49.6 LAeq	111.8 dB
Wilson:	35.7 LAeq	90.4 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.7	7.4	14.5	17.6
Edwards:	8.1	9.2	18.8	20.6
Hollinger Office:	16.5	24.3	21.0	32.5
Hollinger Park:	16.4	20.4	24.2	30.6
Sandy:	7.2	8.4	14.7	17.8

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	0.6	1.5
Edwards:	3.7	8.1
Hollinger Office:	5.8	19.1
Hollinger Park:	2.0	7.5
Sandy:	0.5	1.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.7	0.2	0.5
Hollinger West:	2.0	1.7	2.1
Imerys:	0.7	0.8	1.0
Noah:	0.7	0.4	0.7
Moneta Pumping Station:	1.4	0.6	0.9
Sandy:	1.8	1.1	1.2
Water Tower:	1.1	0.9	1.7
Wilson:	4.9	5.2	5.9